

Amendments To The Claims:

Please amend the claims as shown.

1 – 9 (canceled)

10. (new) A process for re-machining a through-hole in a component in which a material-removing agent flows through the through-hole and a surface arranged around the through-hole in the component is protected from removal of material by the material-removing agent, comprising:

protecting the surface by diluting the removing agent being after the removing agent emerges from the through-hole so that no material is removed at the surface by either the dilution of the removing agent which is effected by introducing the component having the through-hole to be machined into a medium that does not remove material, or the removing agent is diluted by spraying a medium which does not remove material around the emerging removing agent, wherein water or alcohol is used as the medium which does not remove material.

11. (new) The process as claimed in claim 10, wherein the surface is protected by an electrode arranged in the vicinity of the through-hole in such a way that material is removed only in the region in the vicinity of the through-hole.

12. (new) The process as claimed in claim 10, wherein the material-removing agent flows through the through-hole from the inside outward.

13. (new) The process as claimed in claim 10, wherein the removing agent is an acid.

14. (new) The process as claimed in claim 10, wherein the removing agent is an electrolyte.

15. (new) The process as claimed in claim 10, wherein the remachining is carried out electrolytically.

16. (new) The process as claimed in claim 10, wherein the through-hole at least in part has a layer that needs to be removed.

17. (new) The process as claimed in claim 10, wherein the surface is protected by a masking.

18. (new) The process as claimed in claim 14, wherein a current/voltage is used to carry out the remachining electrolytically and the current/voltage is pulsed.